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<110> Friddle, Carl Johan
Aylor, Erin
Scoville, John
Walke, D. Wade

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<150> US 60/219,890

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 Gly Val Met Tyr Ile Ile Thr Lys Asn Cys Ser Met Gly Asp Phe Glu
 115 120 125
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305					310					315					320
Thr	Val	Lys	Cys	Asp	Gln	Cys	Arg	His	Val	Val	Ser	Lys	Tyr	Tyr	Cys
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<210> 10

<211> 768

<212> DNA

<213> homo sapiens

<400> 10

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gaatttgggg	aaaggatctc	caaactcttt	gtggacagtt	tggagaaggg	gaaggatgcc	180
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 <213> homo sapiens

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 35 40 45
 Leu Phe Val Asp Ser Leu Glu Lys Gly Lys Asp Ala Arg Ala Leu Met
 50 55 60
 Asn Leu His Asn Asn Arg Ala Gly Arg Leu Ala Val Arg Ala Thr Met
 65 70 75 80
 Lys Arg Thr Cys Lys Cys His Gly Ile Ser Gly Ser Cys Ser Ile Gln
 85 90 95
 Thr Cys Trp Leu Gln Leu Ala Glu Phe Arg Glu Met Gly Asp Tyr Leu
 100 105 110
 Lys Ala Lys Tyr Asp Gln Ala Leu Lys Ile Glu Met Asp Lys Arg Gln
 115 120 125
 Leu Arg Ala Gly Asn Ser Ala Glu Gly His Trp Val Pro Ala Glu Ala
 130 135 140
 Phe Leu Pro Ser Ala Glu Ala Glu Leu Ile Phe Leu Glu Glu Ser Pro
 145 150 155 160
 Asp Tyr Cys Thr Cys Asn Ser Ser Leu Gly Ile Tyr Gly Thr Glu Gly
 165 170 175
 Arg Glu Cys Leu Gln Asn Ser His Asn Thr Ser Arg Trp Glu Arg Arg
 180 185 190
 Ser Cys Gly Arg Leu Cys Thr Glu Cys Gly Leu Gln Val Glu Glu Arg
 195 200 205
 Lys Thr Glu Val Ile Ser Ser Cys Asn Cys Lys Phe Gln Trp Cys Cys
 210 215 220
 Thr Val Lys Cys Asp Gln Cys Arg His Val Val Ser Lys Tyr Tyr Cys
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 245 250 255

<210> 12
 <211> 105
 <212> DNA
 <213> homo sapiens

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 <211> 34
 <212> PRT
 <213> homo sapiens

<400> 13
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 Pro Ile

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 <212> DNA
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 <211> 23
 <212> PRT
 <213> homo sapiens

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<210> 16
 <211> 111
 <212> DNA
 <213> homo sapiens

<400> 16
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<210> 17
 <211> 36
 <212> PRT
 <213> homo sapiens

<400> 17
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 Ala Phe Ser Ala Ser Ala Trp Ser Val Asn Asn Phe Leu Ile Thr Gly
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 Pro Lys Val Gly
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<210> 18

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 <212> DNA
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 <212> PRT
 <213> homo sapiens

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 35 40 45
 Ser Gly Ile Glu Glu Cys Lys Phe Gln Phe Ala Trp Glu Arg Trp Asn
 50 55 60
 Cys Pro Glu Asn Ala Leu Gln Leu Ser Thr His Asn Arg Leu Arg Ser
 65 70 75 80
 Ala Thr Arg Glu Thr Ser Phe Ile His Ala Ile Ser Ser Ala Gly Val
 85 90 95
 Met Tyr Ile Ile Thr Lys Asn Cys Ser Met Gly Asp Phe Glu Asn Cys
 100 105 110
 Gly Cys Asp Gly Ser Asn Asn Gly Lys Thr Gly Gly His Gly Trp Ile
 115 120 125
 Trp Gly Gly Cys Ser Asp Asn Val Glu Phe Gly Glu Arg Ile Ser Lys
 130 135 140
 Leu Phe Val Asp Ser Leu Glu Lys Gly Lys Asp Ala Arg Ala Leu Met
 145 150 155 160
 Asn Leu His Asn Asn Arg Ala Gly Arg Leu Ala Val Arg Ala Thr Met
 165 170 175
 Lys Arg Thr Cys Lys Cys His Gly Ile Ser Gly Ser Cys Ser Ile Gln
 180 185 190
 Thr Cys Trp Leu Gln Leu Ala Glu Phe Arg Glu Met Gly Asp Tyr Leu
 195 200 205

Lys Ala Lys Tyr Asp Gln Ala Leu Lys Ile Glu Met Asp Lys Arg Gln
 210 215 220
 Leu Arg Ala Gly Asn Ser Ala Glu Gly His Trp Val Pro Ala Glu Ala
 225 230 235 240
 Phe Leu Pro Ser Ala Glu Ala Glu Leu Ile Phe Leu Glu Glu Ser Pro
 245 250 255
 Asp Tyr Cys Thr Cys Asn Ser Ser Leu Gly Ile Tyr Gly Thr Glu Gly
 260 265 270
 Arg Glu Cys Leu Gln Asn Ser His Asn Thr Ser Arg Trp Glu Arg Arg
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 Ser Cys Gly Arg Leu Cys Thr Glu Cys Gly Leu Gln Val Glu Glu Arg
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 Lys Thr Glu Val Ile Ser Ser Cys Asn Cys Lys Phe Gln Trp Cys Cys
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<210> 20
 <211> 105
 <212> DNA
 <213> homo sapiens

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<210> 21
 <211> 34
 <212> PRT
 <213> homo sapiens

<400> 21
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 Pro Ile

<210> 22
 <211> 111
 <212> DNA
 <213> homo sapiens

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<210> 23
 <211> 36
 <212> PRT
 <213> homo sapiens

<400> 23

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 Gly Val Phe Gly Ser Thr Arg Ser Val Asn Asn Phe Leu Ile Thr Gly
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 Pro Lys Val Gly
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<210> 24
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 <212> DNA
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